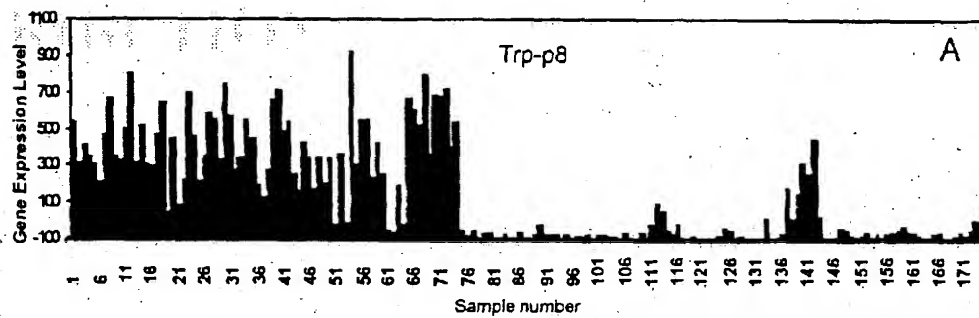
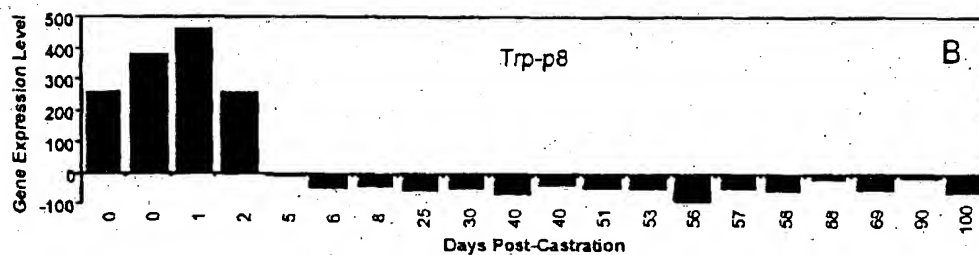


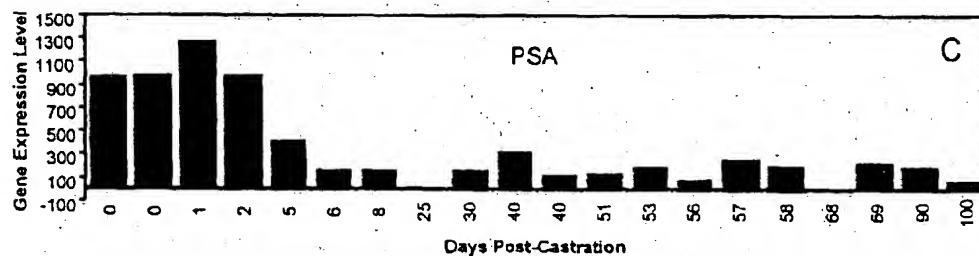
FIGURE 1



2A

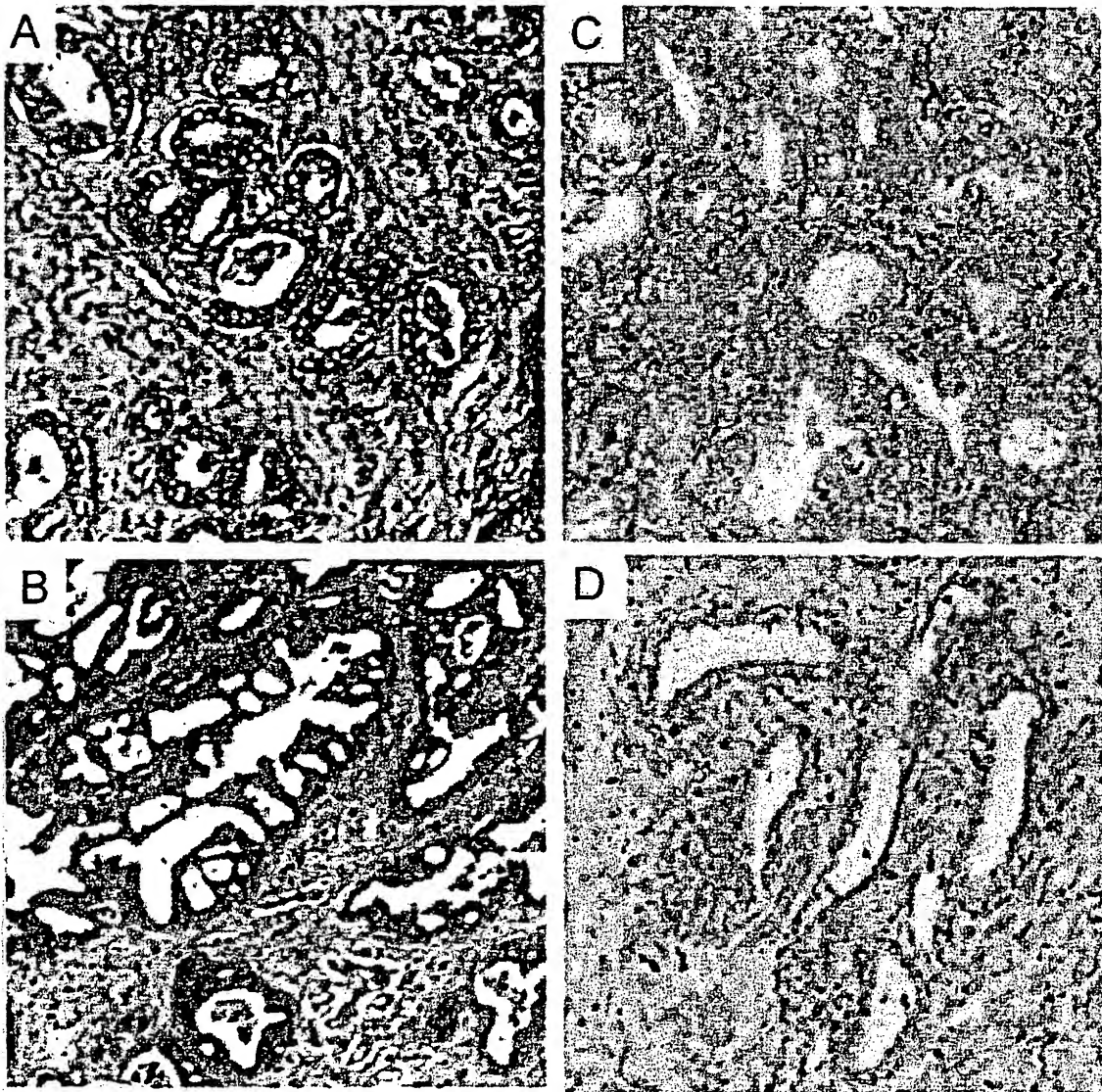


2B



2C

FIGURES 2A, 2B, & 2C



FIGURES 3A, 3B, 3C, & 3D

MSFRAARLSMRNRRNDTLDSTRTRYSSASRSTDLSYSESDLVNFIQANFKKRECVFFTKD  
SKATENVCKCGYAQSQHMEGTQINQSEKWNYYKKHTKEFPTDAFGDIQFETLGKKGKYIRL  
SCDTDAEILYELLTQHWHLKTPNLVISVTGGAKNFALKPRMRKIFSRLIYIAQSKGAWIL  
TGGTHYGLMKYIGEVRDNTISRSEENIVAIGIAAWGMVSNRDTLIRNCDAEGYFLAQY  
LMDDFTRDPLYILDNNHTHLLLVDNGCHGHPTVEAKLRNQLKEYISERTIQDSNYGGKIP  
IVCFAQGGGKETLKAINTSIKNKIPCVVVEGSGQIADVIASLVEVEDALTSSAVKEKLV  
FLPRTVSRLPPEETESWIKWLKEILECSHLLTVIKMEEAGDEIVSNAISYÄLYKAFSTSE  
QDKDNWNGQLKLLLEWNQLDLANDEIFTNDRRWESADLQEVMTALIKDRPKFVRLFLEN  
GLNLRKFLTHDVLTELFNSHFSTLVYRNLQIAKNSYNDALLTFVWKLVANFRRGFRKEDR  
NGRDEMDIELHDVSPITRHPLQALFIWAILQNKKELSKVIWEQTRGCTLAALGASKLLKT  
LAKVKNDINAAGESEELANEYETRAVELFTECYSSDEDLAEQLLVYSCEAWGGSNCLELA  
VEATDQHFIAQPGVQNFLSKQWYGEISRDTKNWKIILCLFIIPLVGCGFVSFRKKPVDKH  
KKLLWYYYVAFFTSPFVVSFVSWNVVFYIAFLLLFAYVLLMDFHSVPHPELVLYSLVFLFC  
DEVQRQWYVNGVNYFTDLWNVMDTLGLFYFIAGIVFRLHSSNKSSLYSGRVIFCLDYIIFT  
LRLIHIFTVSRNLGPKIIMLQRMIDVFFFLFLFAVVMVAFGVARQGILRQNEQRWRWIF  
RSVIYEPYLAMFGQVPSDVGTTYDFAHCTFTGNEKPLCVELDEHNLPRFPEWITIPLV  
CIYMLSTNILLVNLLVAMFGYTVGTVQENNDQVWKFQRYFLVQEYCSRLNIPFPFIVFAY  
FYMVVKCFKCCCKEKNMESSVCCFKNEDNETLAWEGVMKENYLVKINTKANDTSEEMRH  
RFRQLDTKLNLDLKGLLKEIANKIK

FIGURE 4A

ATGTCCTTTTCGGGCAGCCAGGCTCAGCATGAGGAACAGAAGGAATGACACTCTGGACAGCACCCGGACCTGTACT  
CCAGCGCGTCTCGGAGCACAGACTTGTCTTACAGTGAAAGCGACTTGGTGAATTTTATTCAAGCAAATTTTAAGAA  
ACGAGAATGTGTCTTCTTTACCAAAGATTCCAAGGCCACGGAGAATGTGTGCAAGTGTGGCTATGCCCAGAGCCAG  
CACATGGAAGGCCACCCAGATCAACCAAAGTGAGAAATGGAACACTACAAGAAACACACCAAGGAATTTCTTACCGACG  
CCTTTGGGGATATTTCAGTTTGAGACACTGGGGAAGAAAGGGAAGTATATACGTCTGTCTTCCGACACGGACGCGGA  
AATCCTTTACGAGCTGTGTGACCCAGCACTGGCACCTGAAAACACCCAACTTGGTCAATTTCTGTGACCGGGGGCGCC  
AAGAACTTCGCCCTGAAGCCGCGCATGCGCAAGATCTTCAGCCGGCTCATCTACATCGCGCAGTCCAAAGGTGCTT  
GGATTCTCACGGGAGGCACCCATTATGGCCTGATGAAGTACATCGGGGAGGTGGTGAGAGATAACACCATCAGCAG  
GAGTTTCAGAGGAGAATATTGTGGCCATTGGCATAGCAGCTTGGGGCATGGTCTCCAACCGGGACACCCCTCATCAGG  
AATTGCGATGTGTGAGGGCTATTTTTTAGCCAGTACCTTATGGATGACTTCACAAGAGATCCACTGTATATCCTGG  
ACAACAACCACACACATTTGTGTCTCGTGGACAATGGCTGTCTATGGACATCCCACTGTGCAAGCAAAGCTCCGGAA  
TCAGCTAGAGAAGTATATCTCTGAGCGCACTATTCAAGATTCCAACATATGGTGGCAAGATCCCCATTGTGTGTTTT  
GCCCCAAGGAGGTGGAAGAGACTTTGAAAGCCATCAATACCTCCATCAAAAATAAAATTCCTTGTGTGGTGGTGG  
AAGGCTCGGGCCAGATCGCTGATGTGATCGCTAGCCTGGTGGAGGTGGAGGATGCCCTGACATCTTCTGCCGTCAA  
GGAGAAGCTGGTGGCTTTTTTACCCCGCACGGTGTCCCGGCTGCCGTGAGGAGGAGACTGAGAGTTGGATCAAATGG  
CTCAAAGAAATTCTCGAATGTTCTCACCTATTAACAGTTATTAATAAGGAAGCTGGGGATGAAATGTGAGCA  
ATGCCATCTCCTACGCTCTATACAAAGCCTTCAGCACCAGTGAGCAAGACAAGGATAACTGGAATGGGCAGCTGAA  
GCTTCTGCTGGAGTGGAACCAAGCTGGACTTAGCCAAATGATGAGATTTTACCAATGACCGCCGATGGGAGTCTGCT  
GACCTTCAAGAAGTCAATGTTTTACGGCTCTCATAAAGGACAGACCCAAGTTTGTCCGCTCTTCTCGGAATGGCT  
TGAACCTACGGAAGTTTTCTACCCATGATGTCCTCACTGAACCTTCTTCCAACTTCAGCACGCTTGTGTACCG  
GAATCTGCAGATCGCCAAGAATTCTTATAATGATGCCCTCCTCACGTTTGTCTGGAACTGGTTGCGAACTTCCGA  
AGAGGCTTCCGGAAGGAAGACAGAAATGGCCGGGACGAGATGGACATAGAACTCCACGACGTGTCTCTTACTCTC  
GGCACCCCTGCAAGCTCTCTTCATCTGGGCCATTCTTCAGAATAAGAAGGAACCTCCAAAGTCATTTGGGAGCA  
GACCAGGGGCTGCACTCTGGCAGCCCTGGGAGCCAGCAAGCTTCTGAAGACTCTGGCCAAAGTGAAGAACGACATC  
AATGCTGCTGGGGAGTCCGAGGAGCTGGCTAATGAGTACGAGACCCGGGCTGTTGAGCTGTTCACTGAGTGTTACA  
GCAGCGATGAAGACTTGGCAGAACAGCTGCTGGTCTATTCTGTGAAGCTTGGGGTGAAGCAACTGTCTGGAGCT  
GGCGGTGGAGGCCACAGACCAGCATTTCATCGCCACGCTGGGGTCCAGAATTTCTTTCTAAGCAATGGTATGGA  
GAGATTTCCCGAGACACCAAGAATGGAAGATTATCCTGTGTCTGTTTATTATACCCTTGGTGGGCTGTGGCTTTG  
TATCATTTAGGAAGAAACCTGTGCAAGCACAAGAAGCTGCTTTGGTACTATGTGGCGTTCTTCACCTCCCCCTT  
CGTGGTCTTCTCCTGGAATGTGGTCTTCTACATCGCCTTCTCTCTGCTGTTTGGCTACGTGCTGCTCATGGATTT  
CATTCCGTGCCACACCCCCCGAGCTGGTCTGTACTCGCTGGTCTTTGTCTCTTCTGTGATGAAGTGAGACAGT  
GGTACGTAAATGGGGTGAATTTTACTGACCTGTGGAATGTGATGGACACGCTGGGGCTTTTTTACTTCATAGC  
AGGAATTGTATTTTCGGCTCCACTCTTCTAATAAAAGCTCTTTGTATTCTGGACGAGTCATTTCTGTCTGGACTAC  
ATTATTTTCACTCTAAGATTGATCCACATTTTACTGTAAGCAGAAAACCTTAGGACCCAAAGATTATAATGCTGCAGA  
GGATGCTGATCGATGTGTTCTTCTTCTGTTCTTCTTGGCGGTGTGGATGGTGGCCTTTGGCGTGGCCAGGCAAGG  
GATCCTTAGGCAGAATGAGCAGCGCTGGAGGTGGATATTCCGTTCCGGTCATCTACGAGCCCTACCTGGCCATGTTT  
GGCCAGGTGCCAGTGACGTGGATGGTACCACGTATGACTTTGCCCACTGCACCTTCACTGGGAATGAGTCCAAGC  
CACTGTGTGTGGAGCTGGATGAGCACAACCTGCCCCGGTTCCCCGAGTGGATCACCATCCCCCTGGTGTGCATCTA  
CATGTTATCCACCAACATCCTGCTGGTCAACCTGCTGGTCCGCTGTTTGGCTACACGGTGGGCACCGTCCAGGAG  
ACAATGACCAGGTCTGGAAGTTCCAGAGTACTTCTGGTGCAGGAGTACTGCAGCCGCTCAATATCCCCCTTCC  
CCTTCATCGTCTTCGCTTACTTCTACATGGTGGTGAAGAAGTGCTTCAAGTGTGCTGCAAGGAGAAAAACATGGA  
GTCTTCTGTCTGCTGTTTTCAAAAATGAAGACAATGAGACTCTGGCATGGGAGGGTGTGATGAAGGAAAACTACCTT  
GTCAAGATCAACACAAAAGCCAACGACACCTCAGAGGAAATGAGGCATCGATTTAGACAACTGGATACAAAGCTTA  
ATGATCTCAAGGTCTTCTGAAAGAGATTGCTAATAAAATCAAATGA

FIGURE 4B